

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Somashekar Ramachandran                      Art Unit : 2123  
    Examiner : Mary C. Jacob  
    Subrahmanyam  
Serial No. : 10/651,452                                        Confirmation No.: 8750  
Filed : August 29, 2003                                         Notice of Allowance Date: August 24, 2007  
Title : FACIAL CHARACTERISTIC BASED GENERATION OF FILLET WELD  
    BEAD REPRESENTATION

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE AND  
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

In response to the Notice of Allowance mailed August 24, 2007, enclosed is a completed issue fee transmittal form PTOL-85b. The fee for \$1740 for the required issue fee and publication fee are being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization.

Applicant recognizes that in accordance with M.P.E.P. § 1302.14, the Examiner's reasons for allowance need not set forth all of the details as to why the claims are allowed.

Applicant does not concede that the Examiner's stated reasons for allowance are the only reasons for which the claims are allowable. The claims may be allowable for other reasons as well. In particular, Applicant does not concede that all of the limitations identified by the Examiner are necessary to distinguish the art of record or to satisfy the requirements of 35 U.S.C. § 112. In addition, the Examiner does not assert, and Applicant would not concede, that the Examiner's reasons have any bearing on the patentability of claims in any other applications directed to the disclosed subject matter.

In addition, each dependent claim stands on its own and may be allowable on its own merits. In particular, each dependent claim may be allowable on the basis of a combination of some of the features recited in the dependent claim and its base claim(s), which combination of features may not include all of the limitations identified in the Examiner's reasons for allowance.

**CERTIFICATE OF MAILING BY EFS-WEB FILING**

I hereby certify that this paper was filed with the Patent and Trademark Office using the EFS-WEB system on this date: November 20, 2007

Applicant : Somashekar Ramachandran  
Subrahmanyam  
Serial No. : 10/651,452  
Filed : August 29, 2003  
Page : 2 of 2

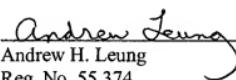
Attorney's Docket No.: 15786-018001

The statement of Reasons for Allowance states that independent claim 1 recites "selecting within the computing environment, a generation technique," where "generation technique" is, according to the examiner, defined in the specification to be a triangular or a quadrilateral technique. Applicant respectfully submits that the specification does not limit the term "generation technique" to only a triangular technique or a quadrilateral technique. See Specification, page 9 lines 26-29.

Please apply any additional charges or credits to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: 20 November 2007

  
Andrew H. Leung  
Reg. No. 55,374

Customer No.: 26181  
Fish & Richardson P.C.  
Telephone: (650) 839-5070  
Facsimile: (650) 839-5071

50449918.doc

## PART B – FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mall Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571) 273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use block 1)

26181

**FISH & RICHARDSON P.C.  
P.O. Box 1022  
Minneapolis, MN 55440-1022**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal! This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/651,452	08/29/2003	Somashkar Ramachandran Subrahmanyam	15786-018001	8750

### TITLE OF INVENTION: FACIAL CHARACTERISTIC BASED GENERATION OF FILLET WELD BEAD REPRESENTATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$1740	11/24/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
JACOB, MARY C.	2123	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY AND STATE OR COUNTRY)

Autodesk, Inc.

San Rafael, CA

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

(a). Applicant claims SMALL ENTITY status. See 37 CFR 1.2.7.

(b). Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or, the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

(Date)

November 20 2007

Registration No. 55,374

This collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 0.10 minutes to complete. Please submit the completed application form to the USPTO. This will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMIT THIS FORM WITH FEE(S)**